| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|---|---|---------------------|---------|------------------|
| L1 | 1099056 | (wafer\$1 or semicondudor\$1 or chip\$1 or substrat\$1 or IC or intergrated adj circuit or PCB or printed adj circuit adj board or PWB or printed adj wiring) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:06 |
| L2 | 2 | L1 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with microfabricat\$2 near3 structures | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:10 |
| L3 | 43 | L1 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with(repetitive or non adj repetitive)same(area or regions) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:12 |
| L4 | 26 | L3 and @ad<"20011024" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:13 |
| L5 | 43 | L1 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with repetitive same(area or regions) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:12 |
| L6 | 26 | L5 and @ad<"20011024" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:13 |
| L7 | 0 | L6 and creat\$3 same (1D or one adj dimensional\$1 or 1-D)same(cell or array or matrix) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:17 |
| L8 | 0 | L6 and creat\$3 same (1D or one adj dimensional\$1 or 1-D)same(cell or array or matrix)same(contrast or threshold or brightness)with histogram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/28 13:19 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|-------|---------------------|---------|------------------|
| L1 | 314623 | (wafer\$1 or semicondudor\$1 or chip\$1 or substrat\$1 or IC or intergrated adj circuit or PCB or printed adj circuit adj board or PWB or printed adj wiring or microfabricat\$3 near3 structures) | USPAT | OR | ON | 2005/12/28 14:27 |
| L2 | 14 | L1 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with(repetitive or non adj repetitive)same(area or regions)and coordinat\$4 | USPAT | OR | ON | 2005/12/28 15:46 |
| L3 | 1801 | L1 and creat\$3 and (1D or one adj dimensional\$1 or 1-D)same(cell or array or matrix) | USPAT | OR | ON | 2005/12/28 15:09 |
| L4 | 192 | L3 and creat\$3 and (1D or one adj dimensional\$1 or 1-D)same(cell or array or matrix)same(contrast or brightness or intensity or threshold) | USPAT | OR | ON | 2005/12/28 15:11 |
| L5 | 7 | L3 and creat\$3 and (1D or one adj dimensional\$1 or 1-D)same(cell or array or matrix)same(contrast or brightness or intensity or threshold)same (histogram or profile) | USPAT | OR | ON | 2005/12/28 15:53 |
| L6 | 4508 | 382/145,141,149,168,274,254,232, 151,286.ccls. | USPAT | OR | ON | 2005/12/28 15:44 |
| L7 | 0 | L5 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with(repetitive or non adj repetitive)same(area or regions)and coordinat\$4 | USPAT | OR | ON | 2005/12/28 15:45 |
| L8 | 0 | L4 and (detect\$3 or determine)same(defect or flaw or fault or reject\$3)with(repetitive or non adj repetitive)same(area or regions)and coordinat\$4 | USPAT | OR | ON | 2005/12/28 15:45 |
| L9 | 8 | L4 and (detect\$3 or determine)and(defect or flaw or fault or reject\$3)and(repetitive or non adj repetitive)and(area or regions)and coordinat\$4 | USPAT | OR | ON | 2005/12/28 15:49 |
| L10 | 0 | L6 and L9 | USPAT | OR | ON | 2005/12/28 15:47 |
| L11 | 0 | 356/388,394,429,237.2,237.5,237.5, "237".4.ccls. | USPAT | OR | ON | 2005/12/28 15:48 |
| L12 | 2235 | 356/388,394,429,237.2,237.5,237.5, 237.4.ccls. | USPAT | OR | ON | 2005/12/28 15:48 |
| L13 | 4 | L4 and L12 | USPAT | OR | ON | 2005/12/28 15:54 |
| L14 | 4 | L4 and L6 | USPAT | OR | ON | 2005/12/28 15:50 |
| L15 | 0 | L14 and L5 | USPAT | OR | ON | 2005/12/28 15:59 |

| L16 | 7 | L4 and L5 | USPAT | OR | ON | 2005/12/28 15:51 |
|-----|------|-----------------------------------|-------|----|-----|------------------|
| L17 | 0 | L12 and L5 | USPAT | OR | ON | 2005/12/28 15:53 |
| L18 | 592 | 250/559.22,559.45.ccls. | USPAT | OR | ON | 2005/12/28 15:54 |
| L19 | 0 | L4 and L18 | USPAT | OR | ON | 2005/12/28 15:54 |
| L20 | 0 | 257/184,E21.525,E21.553.ccls | USPAT | OR | ON | 2005/12/28 15:56 |
| L21 | 559 | 257/184.ccls. | USPAT | OR | ON | 2005/12/28 15:56 |
| L22 | 0 | 257/184,E21.525,E21.53.ccls | USPAT | OR | ON: | 2005/12/28 15:56 |
| L23 | 0 | 257/184,21.525,21.53.ccls | USPAT | OR | ON | 2005/12/28 15:57 |
| L24 | 0 | 257/184,E "21.525,E" "21.53.ccls" | USPAT | OR | ON | 2005/12/28 15:58 |
| L26 | 1955 | 257/184,E21.525,E21.53.ccls. | USPAT | OR | ON | 2005/12/28 15:58 |
| L27 | 1 | L4 and L26 | USPAT | OR | ON | 2005/12/28 16:00 |
| L28 | 0 | L27 and L5 | USPAT | OR | ON | 2005/12/28 15:59 |
| L29 | 1 | L27 and @ad<"20011024" | USPAT | OR | ON | 2005/12/28 16:00 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|----------|---------------------|---------|------------------|
| L1 | 272 | (wafer\$1 or semicondudor\$1 or chip\$1 or substrat\$1 or IC or intergrated adj circuit or PCB or printed adj circuit adj board or PWB or printed adj wiring or microfabricat\$3 near3 structures)and creat\$3 and(1D or one adj dimensional\$1 or 1-D)and(cell or array or matrix)and(contrast or brightness or intensity or threshold)and (histogram or profile).clm. | US-PGPUB | OR | ON | 2005/12/28 16:12 |
| L2 | 3 | (wafer\$1 or semicondudor\$1 or chip\$1 or substrat\$1 or IC or intergrated adj circuit or PCB or printed adj circuit adj board or PWB or printed adj wiring or microfabricat\$3 near3 structures)and creat\$3 and(1D or one adj dimensional\$1 or 1-D)and(cell or array or matrix)and(contrast or brightness or intensity or threshold)and(histogram or profile)and(repetitive or non adj repetitive)same(areas or regions).clm. | US-PGPUB | OR | ON | 2005/12/28 16:14 |
| L3 | 0 | L2 and @ad<"20011024" | US-PGPUB | OR | ON | 2005/12/28 16:15 |